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APR 25 2005

FACSIMILE TRANSMISSION SHEET

IN RE APPLICATION OF

TUMMALA ET AL.

APPLICATION NO: 10/713,996

FILED: NOVEMBER 14, 2003

FOR: PRODUCTION OF GASEOUS CHLORAMINE

DATE OF TRANSMISSION: April 25, 2005

TO: Examiner Wayne Langel
Art Unit 1754

PTO FACSMILE NO: 571-273-8300

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RESPONSE UNDER 37 C.F.R. § 1.115
AMENDED DRAWING SHEET
FEE AUTHORIZATION

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

EXAMINER: W. LANGE

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Assistant Commissioner for Patents
Washington, D.C. 20231

Attn: Box Amendment

AMENDMENT AND RESPONSE UNDER 37 CFR 1.115

Commissioner:

The accompanying amendments and remarks are presented in response to the Office Action dated January 25, 2005. Applicants herewith also submit an Amended Drawing Sheet that corrects a typographical error in numbering for Figure 2. In that Figure, the element number currently marked 28 has been renumbered as element 26 commensurate with the description in the Specification at page 9. No new matter has been added.

Remarks

In the Office Action, claims 1, 5 and 10 were rejected under 35 U.S.C. §102(b) as being anticipated by U. S. Patent No. 2,837,409 to Sisler et al. (Sisler). Applicants respectfully traverse.

The Action states that Sisler discloses the process and apparatus recited in claims 1, 5 and 10, and specifically points to column 1, line 70 to column 3, line 30. Applicants first point out that Sisler teaches a single glass reaction tube in which ammonia and chlorine are reacted and which is "packed with glass wool, loosely in the fore part of the reactor and more tightly near the outlet end.... [to] completely filter out the ammonium chloride from the emergent gas stream." See column 3, lines 54-56. The glass wool serves the purpose of solids collection. This apparatus is not the same as the apparatus that is presently claimed, i.e. at least one reactor comprising a reaction zone, at least one reaction discharge tube in flow communication with the reaction zone, and at least one solids collection system positioned downstream from the